This listing of claims will replace all prior versions, and listings, of claims in the application:

- 1 Claim 1 (currently amended): A loosening-proof nut
- 2 comprising a nut body having a central female thread with
- 3 a nominal diameter d, the nut body also having two or
- 4 more than two slits formed such as to be symmetrical with
- 5 respect to the axis of the nut, the more than two slits
- 6 radially penetrate the female thread from the outer
- 7 periphery of the nut and be are located at an axial
- 8 position on the an upper side of the an axial center
- 9 position of the nut body, the slits defining push parts,
- 10 which are have been bent downward by causing resulting in
- 11 plastic deformation.
 - 1 Claim 2 (currently amended): A loosening-proof nut
 - 2 comprising a nut body having a central female thread with
 - 3 a nominal diameter d, the nut body having an upper
 - 4 portion and a lower portion, wherein the maximum outer
 - 5 diameter of the upper portion is less than the minimum
 - 6 outer diameter of the lower portion, the nut body also
 - 7 having two slits formed such as to be symmetrical with
 - 8 respect to the axis of the nut, the two slits radially
 - 9 penetrate the female thread from the outer periphery of
- 10 the nut, said slits are located in the upper portion of
- 11 the nut body and are located at an axial position on an
- 12 upper side of an axial center position of the nut body,
- 13 the slits defining push parts, which are have been bent
- 14 downward resulting in plastic deformation,
- 15 The loosening proof nut according to claim 1, wherein the
- 16 slits consist of a first and a second slit symmetrical
- 17 with respect to the axis of the nut, the push parts

- 18 consist of a first and a second push part defined in an
- 19 the upper part portion of the nut body by the first and
- 20 second slit, wherein the nut further comprises a lower
- 21 part of the nut body below the first and second slits,
- 22 and wherein and the distance b between the bottoms of the
- 23 first and second slit is in a range of 0.15 to 0.8 times
- 24 the nominal diameter d.
 - 1 Claim 3 (currently amended): The loosening-proof nut
 - 2 according to claim 2, wherein the nut body has a height
 - 3 h, a bottom width g of first and second slits, and a
 - 4 thickness of first and second push parts a, the height h
 - 5 of the nut body is at least 0.5 times the nominal
 - 6 diameter d, the bottom width g of the first and second
- 7 slits is 0.05 to 0.2 times the nominal diameter d, the
- 8 thickness a of the first and second push parts is 0.1 to
- 9 0.3 times the nominal diameter d.
- 1 Claim 4 (currently amended): The loosening-proof nut
- 2 according to claim 2, wherein a width s defines slit gap
- 3 at the tips of the first and second push parts, the width
- 4 s of the tip of the first and second push part is in a
- 5 range of 0 to 0.5 times the a bottom width g of the first
- 6 and second slits.
- 1 Claim 5 (currently amended): The loosening-proof nut
- 2 according claim 2, wherein the first and second slits are
- 3 at an angle between 70 and 90 degrees with respect to the
- 4 axis of the nut body and are formed substantially
- 5 symmetrically with respect to the axis of the central
- 6 female thread serew.

- 1 Claim 6 (currently amended): The loosening-proof nut
- 2 according to claim 2, wherein the upper part portion of
- 3 the nut body inclusive of the first and second push parts
- 4 is circular in plan view shape.
- 1 Claim 7 (currently amended): A nut having an internal
- 2 female thread, a first opening from which a male thread
- 3 to be screwed is inserted, and a second opening, from
- 4 which the inserted male thread gets out; wherein the nut
- 5 comprises at least a two pairs pair of slits formed at an
- 6 axial position closer to the second opening and such as
- 7 to be symmetrical with respect to the axis of the nut and
- 8 to radially partly penetrate the female thread from the
- 9 outer periphery of the nut, a first axial part defined on
- 10 the first opening side and a second axial part defined on
- 11 the second opening side bounded by the pair pairs of
- 12 slits, and the female thread parts of the first and
- 13 second axial parts have the same shape parameter, and the
- 14 direction of the surface, in which the female thread part
- 15 in the second axial part is formed, is deviated from the
- 16 axial direction as a result of plastic deformation due to
- 17 pressure that had been exerted on the nut.
 - 1 Claim 8 (currently amended): A nut having an internal
 - 2 female thread, a first opening from which a male thread
 - 3 to be screwed is inserted, and a second opening, from
 - 4 which the inserted male thread gets out; wherein the nut
 - 5 comprises at least a pair of slits formed at an axial
- 6 position closer to the second opening and such as to be
- 7 symmetrical with respect to the axis of the nut and to
- 8 radially partly penetrate the female thread from the
- 9 outer periphery of the nut, a first axial part defined on

- 10 the first opening side and a second axial part defined on
- 11 the second opening side bounded by the pair of slits, and
- 12 the female thread parts of the first and second axial
- 13 parts have the same shape parameter, and the direction of
- 14 the surface, in which the female thread part in the
- 15 second axial part is formed, is deviated from the axial
- 16 direction as a result of by causing plastic deformation
- 17 of the second axial part due to pressure that had been
- 18 exerted on the nut, wherein the second axial part and
- 19 slits are included in a second portion of the nut having
- 20 a smaller maximum outside diameter than a minimum outside
- 21 diameter of a first portion of the nut, said first
- 22 portion of the nut being formed to accept a tool used for
- 23 tightening and loosening the nut.
- 1 Claim 9 (currently amended): A nut having an internal
- 2 female thread, a first opening from which a male thread
- 3 to be screwed is inserted, and a second opening, from
- 4 which the inserted male thread gets out; wherein the nut
- 5 comprises at least a two pair pairs of slits formed at an
- 6 axial position closer to the second opening and such as
- 7 to be symmetrical with respect to the axis of the nut and
- 8 to radially partly penetrate the female thread from the
- 9 outer periphery of the nut, a first axial part defined on
- 10 the first opening side and a second axial part defined on
- 11 the second opening side bounded by the pair pairs of
- 12 slits, and the female thread parts of the first and
- 13 second axial parts have the same shape parameter, and the
- 14 width of the slit is increased increases as moving from
- 15 the outer periphery toward axis of the nut in the axial
- 16 direction, said second axial part being plastically

- 17 deformed, said variation in slit width caused by causing
- 18 plastic deformation of the second axial part.
 - 1 Claim 10 (original): A nut having an internal female
 - 2 thread, a first opening from which a male thread to be
 - 3 screwed is inserted, and a second opening, from which the
 - 4 inserted male thread gets out; wherein the nut comprises
 - 5 at least a pair of slits formed at an axial position
 - 6 closer to the second opening and such as to be
 - 7 symmetrical with respect to the axis of the nut and to
 - 8 radially partly penetrate the female thread from the
 - 9 outer periphery of the nut, a first axial part defined on
- 10 the first opening side and a second axial part defined on
- 11 the second opening side bounded by the pair of slits, the
- 12 female thread parts of the first and second axial parts
- 13 have the same shape parameter, and the direction of the
- 14 surface, in which the female thread part in the second
- 15 axial part is formed, is deviated from the axial
- 16 direction, and the maximum outer diameter of the second
- 17 axial part is smaller than the minimum outer diameter of
- 18 the first axial part.
 - 1 Claim 11 (original): A nut having an internal female
 - 2 thread, a first opening from which a male thread to be
 - 3 screwed is inserted, and a second opening, from which the
 - 4 inserted male thread gets out; wherein the nut comprises
- 5 at least a pair of slits formed at an axial position
- 6 closer to the second opening and such as to be
- 7 symmetrical with respect to the axis of the nut and to
- 8 radially partly penetrate the female thread from the
- 9 outer periphery of the nut, a first axial part defined on
- 10 the first opening side and a second axial part defined on

- 11 the second opening bounded by the pair of slits, and the
- 12 female thread parts of the first and second axial parts
- 13 have the same shape parameter, the second axial part
- 14 being plastically deformed to increase the width of the
- 15 slits toward the axis of the nut; and the maximum outer
- 16 diameter of the second axial part is set to be smaller
- 17 than the minimum outer diameter of the first axial part.
 - 1 Claim 12 (previously presented): The nut according to
 - 2 claim 7, wherein the outer periphery of the second axial
 - 3 part is circular in shape.
 - 1 Claim 13 (previously presented): The nut according to
 - 2 claim 7, wherein the first and second axial part have
 - 3 substantially the same shape.
 - 1 Claim 14 (previously presented): The nut according to
 - 2 claim 7, wherein the female thread part formation surface
 - 3 direction of the second axial part is set to be outward
 - 4 from the axis of the nut.
- 1 Claim 15 (currently amended): The nut according to claim
- 2 7, wherein the at least two pairs as the pair of slits a
- 3 plurality of slit pairs are formed at predetermined
- 4 positions uniformly subtending the circumference.
- 1 Claim 16 (previously presented): The nut according to
- 2 claim 7, wherein the maximum outer diameter of the second
- 3 axial part is smaller than the minimum outer diameter of
- 4 the first axial part.

Claim 17 (canceled)

- 1 Claim 18 (new): The loosening-proof nut according to
- 2 claim 1, wherein the more than two slits are three slits,
- 3 spaced 120 degrees apart, and located at an axial
- 4 position on the upper side of the axial center position
- 5 of the nut body.
- 1 Claim 19 (new): The loosening-proof nut according to
- 2 claim 1, wherein the more than two slits comprise
- 3 multiple pairs of slits.
- 1 Claim 20 (new): The loosening-proof nut according to
- 2 claim 19, wherein the multiple pairs of slits are located
- 3 at an axial position on the upper side of the axial
- 4 center position of the nut body.
- 1 Claim 21 (new): A loosening-proof nut according to claim
- 2 2, wherein a distance b between the bottoms of the first
- 3 and second slit is in a range of 0.15 to 0.8 times the
- 4 nominal diameter d.
- 1 Claim 22 (new): The loosening-proof nut according to
- 2 claim 2, wherein the lower portion of the nut body is one
- 3 of a hexagon and square shape are viewed from above.
- 1 Claim 23 (new): The loosening-proof nut according to
- 2 claim 2, wherein the lower portion of the nut body is
- 3 formed to accept a tool used for tightening and loosing
- 4 the nut.
- 1 Claim 24 (new): The loosening proof nut according to
- 2 claim 5, wherein the angle is slanted and wherein the

- 3 angle and slant direction are selected to adjust reaction
- 4 forces of the first and second push parts.
- 1 Claim 25 (new) A loosening-proof nut comprising a nut
- 2 body having a central female thread with a nominal
- 3 diameter d, the nut body having a hexagon outer shape
- 4 defining six faces, the nut body also having two slits, a
- 5 first and a second slit, formed such as to be symmetrical
- 6 with respect to the axis of the nut, the two slits
- 7 radially penetrate the female thread from the outer
- 8 periphery of the nut, wherein each of the slits are
- 9 located at an axial position on an upper side of an axial
- 10 center position of the nut body, wherein each of the
- 11 slits cuts through two full faces and two partial faces
- 12 of the nut body, and wherein the slits define push parts,
- 13 which have been bent downward resulting in plastic
- 14 deformation, the push parts consist of a first and a
- 15 second push part defined in an upper part of the nut body
- 16 by the first and second slit.
- 1 Claim 26 (new): The loosening proof nut according to
- 2 claim 4, wherein said plastic deformation and said
- 3 difference in gap width s and g result in asymmetric
- 4 retaining tension levels of the locking feature depending
- 5 upon nut rotation direction.

Amendments to the Drawings:

The attached sheets of drawings include proposed new drawings (Figures 5A-7).

Attachment: Sheets of proposed new drawings